

1. Record Nr.	UNINA9910727279603321
Titolo	Smart Mobility : Recent Advances, New Perspectives and Applications / / Arif I. Sarwat, Asadullah Khalid, Ahmed Hasnain Jalal, editors
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-80355-712-5
Descrizione fisica	1 Online-Ressource (226 pages)
Disciplina	629.2
Soggetti	Automated vehicles - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>1. Sizing and Lifecycle Assessment of Electrochemical Batteries for Electric Vehicles and Renewable Energy Storage Systems -- By Arif I. Sarwat, Asadullah Khalid, Ahmed Hasnain Jalal and Shekhar Bhansali --</p> <p>2. Tracking Li-Ion Batteries Using Fiber Optic Sensors -- By Micael Nascimento, Carlos Marques and Joao Pinto --</p> <p>3. Investigations of Using an Intelligent ANFIS Modeling Approach for a Li-Ion Battery in MATLAB Implementation: Case Study -- By Roxana-Elena Tudoroiu, Mohammed Zaheeruddin, Nicolae Tudoroiu and Sorin Mihai Radu --</p> <p>4. Halide Perovskites as Emerging Anti-Counterfeiting Materials Contribute to Smart Flow of Goods -- By Ziren Zhou, Jin Xie and Yu Hou --</p> <p>5. Accidental Injury Analysis and Protection for Automated Vehicles -- By Jay Zhao and Francis Scott Gayzik --</p> <p>6. Parent Opinions of Automated Vehicles and Young Driver Mobility -- By Allegra Ayala and Yi-Ching Lee --</p> <p>7. IoT-Based Route Guidance Technology for the Visually Impaired in Indoor Area -- By Jong-Gyu Hwang, Tae-Ki An, Kyeong-Hee Kim and Chung-Gi Yu --</p> <p>8. Intersection Management, Cybersecurity, and Local Government: ITS Applications, Critical Issues, and Regulatory Schemes -- By Yunfei Hou, Kimberly Collins and Montgomery Van Wart.</p>
Sommario/riassunto	<p>Smart Mobility - Recent Advances, New Perspectives and Applications explores the rapidly evolving world of connected and autonomous vehicles, providing a comprehensive look at the latest advancements and cutting-edge technologies driving this exciting industry forward. This book covers the most pressing topics in smart mobility, including</p>

sizing, sensing, simulations, safety, and cybersecurity applications, giving readers a deep understanding of the challenges and opportunities facing this emerging field. With perspectives from leading experts, the book provides insights into the future of mobility and the role that technology will play in shaping our transportation systems. Whether you are a student, engineer, or industry professional, this book offers a unique and valuable resource for those looking to stay ahead of the curve in the ever-evolving world of smart mobility and its growing impact on our daily lives.
